

MAR 30 2001

**BLM Cedar City Field Office
Site Inspection Report**DIVISION OF
OIL, GAS AND MINING

March 21, 2001

m/001/019

To: Indian Queen Marble Mine, DOGM Large Mining Permit M/001/019

From: Ed Ginouves, CCFO Mining Engineer

Subject: Site Mapping of Mine Area

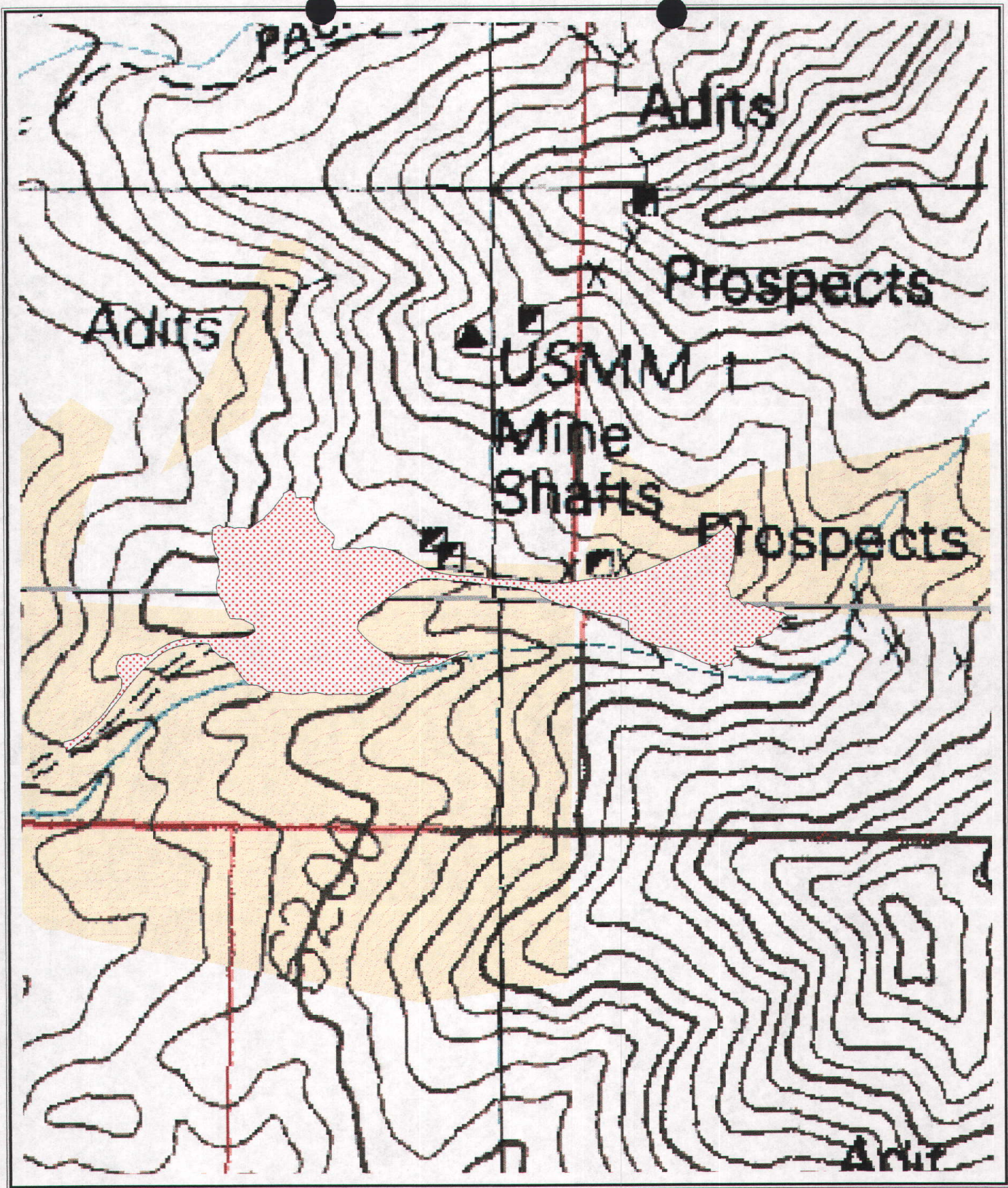
On March 20, 2001, I visited the Indian Queen marble mine site to collect GPS data of the gross perimeter of the disturbed areas. I had been contacted by Tom Munson, Senior Reclamation Specialist with the DOGM, the previous week and informed that the mine site might involve disturbances on public land. He sent me a copy of the operator's most recent permit amendment, received by DOGM on 2/22/01, and the attached permit map indicated that a portion of the existing developed mine yard / processing pad disturbed BLM lands. The purpose of the visit was to identify the possible extent of the disturbances on BLM by walking the perimeter of the current disturbed areas at the site with a GPS receiver. The operator has intended the operation to be entirely on privately held lands and any disturbances on adjacent BLM lands would likely have been accidental and very minor.

The marble operation is located on the western slopes of Frisco Peak on privately held lands within portions of section 33, T. 26 S., R. 13 W., Beaver County. The site is reached by traveling west from Milford on highway 21. At about 25 miles out of Milford a County-maintained dirt road leaves the highway on the north side. Follow this dirt road north along the western slopes of the San Francisco Mountain range about 5 miles through the ruins of the Newhouse town site and to the Indian Queen mine site. Reference the BLM Wah Wah Mtns. North and South 1:100,000 scale land status maps, and the USGS Frisco and Frisco Peak 7.5" topographic quadrangles.

Mine operations were active at the time of my visit, between 2:30 and 4:00 PM. The weather was partly overcast and warm, and the site was free of snow and dry. The site operations manager, a Mr. Bill Denny of Milford, met me at the property gate and I explained what I was there for. We discussed the current market for the marble being recovered from the mine. He noted that the only product currently produced and marketed in any significant quantity is a 1 1/4" by 5/8" screened chip which is sold bulk for ~\$16.50/ton, or bagged in 50 lb plastic bags for \$1.19/bag. The bagged chips are purchased mostly by a landscape products wholesaler that in turn supplies to a diverse retail market. The chips are purchased by a Las Vegas landscape supply business. He also noted that the operator was trying to develop a market for the finer chips as aggregate (terrazzo) for pre-cast concrete products. Currently all the minus 5/8" material produced in crushing and screening for the 1 1/4" by 5/8" product is dumped on the processing pad. A small number of sales are made for large blocks of marble.

I walked the entire perimeter of the mine site which had been disturbed by current and past mining activity. I began and finished my circuit at the main gate at the western edge of the property. GPS data was collected with a Trimble GeoExplorer 3 receiver and external antenna mounted on a hard hat. The ArcView GIS plot of this perimeter is shown on the attached map. The southern slope and toe of the processing pad extend onto BLM land. The area on BLM land is ~400' long and ~50' wide, or about 0.5 acres. The disturbance consists of coarse and fine waste marble used to build up a flat pad for the processing equipment.

A track hoe was busy excavating overburden in a new mine area (identified as the East Pit on the pending permit revision). The operator had already stripped the vegetation/topsoil from the area to be disturbed by the East Pit.



Project: Indian Queen Mine
 BLM File: None
 DOGM File: M/001/019
 Inspection Date: March 20, 2001
 Inspector: Ed Ginouves
 Notes: Land status from best
 available GIS data, only ~0.5 acres of
 mine site on BLM land.

- Minesite.shp
- Adits
- Bureau of Land Management
- Department of Defense
- Fish & Wildlife Service
- Forest Service
- Military
- National Park Service
- Native American
- Private
- State
- Water



Scale: 1:4,800
 1" = 200'